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Attorney Docket: 420AS/49910
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MARTIN ROTH ET AL.

Serial No.: 09/894,138 Group Art Unit: 3644

Filed: JUNE 29, 2001 Examiner: Dinh, Tien Quang

Title: LINEAR ACTUATION DEVICE FOR SPACECRAFT AND SOLAR
GENERATOR UNFOLDING SYSTEMS

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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This supplements the Information Disclosure Statement submitted in the
above-identified application on June 29, 2001.

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant
hereby notifies the U.S. Patent and Trademark Office of the documents which are
listed on the attached Form PTO-1449 and which the Examiner may deem relevant
to patentability of the claims of the above-identified application.

The present Information Disclosure Statement is being filed after either a
final Office Action or a Notice of Allowance, but before payment of the Issue Fee,
and therefore Applicant is submitting herewith a check in the amount of \$180.00
under 37 C.F.R. §1.17(p). Furthermore, I hereby certify that no item of information

contained in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

November 25, 2003


Donald D. Evenson
Registration No. 26,160
Vincent J. Sunderdick
Registration No. 29,004

CROWELL & MORING, LLP
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844

DDE:VJS/mys:10739



FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office		Attorney Docket No. 420AS/49910	Serial No. 09/894,138
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant: Martin ROTH et al.	
		Filing Date June 29, 2001	Group 3644

U.S. PATENT DOCUMENTS						
Examiner Initial		Document Number	Date	Name	Classification	Filing Date (if appropriate)
	AA	5603595	02/18/1997	Nygren, Jr.	413/366	
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					

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FOREIGN PATENT DOCUMENTS						
Examiner Initial		Document Number	Date	Country	Classification	TRANSLATION
						Yes
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AQ	LUCY et al., Report on Alternative Devices to Pyrotechnics on Spacecraft, 10 th Annual AIAA/USU Conference on Small Satellites, 1996, pp. 1-19.
AR	
AS	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.